

IN THE CLAIMS

1. (currently amended) An apparatus for studying the electromagnetic behavior of an electromagnetic wave-emitting or electromagnetic wave-receiving tool, said apparatus comprising:

an anechoic chamber configured to receive the tool as well as a person handling the tool;

at least one analysis antenna configured to pick-up the electromagnetic waves emitted from or received by the tool;

means for processing signals outputted by said at least one analysis antenna to form a video display signal; and

means for displaying a radiation diagram associated with the tool based on the video display signal, said means for displaying the radiation diagram including a display screen and being entirely disposed inside the anechoic chamber to enable the person handling the tool to observe how the handling of the tool affects its electromagnetic behavior.

2. (previously presented) An apparatus according to claim 1, wherein said at least one analysis antenna includes a plurality of analysis antennae that encircle the tool.

3. (previously presented) An apparatus according to claim 2, further comprising means for automatically producing a relative rotation between said plurality of analysis antennae and the tool about an axis of rotation that is substantially a diameter of a circle formed by said plurality of analysis antennae.

4. (previously presented) An apparatus according to claim 1, wherein said display screen is placed on an inside wall of said anechoic chamber.

5. (previously presented) An apparatus according to claim 1, wherein said means for displaying the radiation diagram

of the tool includes viewing goggles wearable by the person handling the tool or by another person located in said anechoic chamber.

6. (previously presented) An apparatus according to claim 1, wherein said display screen includes a monitor screen or an optical projection screen and has a viewing surface substantially aligned with the plane of one of the walls of said anechoic chamber.

7. (previously presented) An apparatus according to claim 6, wherein said display screen is a liquid crystal display screen or a plasma monitor display screen.

8. (previously presented) An apparatus according to claim 1, wherein said display screen includes an optical projection screen.

9. (previously presented) An apparatus according to claim 1, further comprising a seat configured to accommodate the person handling the tool and a support for supporting an arm of the person, said seat being adjustable to allow positioning of the body of the person at a given body position and said support being adjustable to allow positioning of the arm at given arm position relative to the body position to allow successive use of a telephone held at the given arm position while substantially avoiding changes to the body position.